

a directional processor having a reception port and a transmission port;  
said first and second signal I/O ports being arranged such that said directional processor may be positioned in either of two positions,  
a first position to receive said RF signals in a forward direction, whereby said first I/O port is coupled to said reception port and said second I/O port is coupled to said transmission port; and  
a second position to receive said RF signals in a reverse direction, whereby said second I/O port is coupled to said reception port and said first I/O port is coupled to said transmission port.

13. The directional component of claim 12 wherein said first and second I/O signal ports comprise at least two co-axial receptors for coupling said first and second I/O ports to said reception and transmission ports of said directional component.

14. The directional component of claim 13 wherein the first and second signal I/O port are maintained in position by a housing frame.

15. The directional component of claim 14 wherein said first and second I/O signal ports each have a connector extending inwardly toward one another from opposing sides of said frame.

16. The directional component of claim 15 wherein said connectors further extend in opposing directions from said housing frame, for connection with a coaxial cable coupling.

17. The directional component of claim 16 further comprising a front and rear cover member mounted upon opposite sides of said housing frame thereby enclosing said directional processor and said first and second I/O signal ports.

18. The directional component of claim 17 wherein said front cover member sustains said directional processor in either of said first and second positions.

*Art Cont.*  
19. A CATV directional component for receiving and transmitting RF signals, comprising:

first and second signal I/O ports each having an associated input and output receptor, said input and output receptors facing in opposing directions;

a directional processor having a reception port and a transmission port;

said first and second signal I/O ports being arranged such that said directional processor may be positioned in either of two positions,

a first position to receive said RF signals in a forward direction, whereby said first input receptor is coupled to said reception port and said second output receptor is coupled to said transmission port; and

a second position to receive said RF signals in a reverse direction, whereby said second output receptor is coupled to said reception port and said first output receptor is coupled to said transmission port.

20. The directional component of claim 19 wherein the first and second signal I/O port are maintained in position by a housing frame.

21. The directional component of claim 20 wherein said first and second I/O signal ports each have a connector extending inwardly toward one another from opposing sides of said frame.

*al*  
*Cont*  
22. The directional component of claim 21 wherein said connectors further extend in opposing directions from said housing frame, for connection with a coaxial cable coupling.

23. The directional component of claim 22 further comprising a front and rear cover member mounted upon opposite sides of said housing frame thereby enclosing said directional processor and said first and second I/O signal ports.

24. The directional component of claim 23 wherein said front cover member sustains said directional processor in either of said first and second positions.

25. A CATV directional component for receiving and transmitting RF signals, comprising:

first signal I/O port having a first input and first output receptor, said first input and first output receptors facing in opposing directions;

second signal I/O port having a second input and second output receptor, said second input and second output receptors facing in opposing directions;

a directional processor having reception port and a transmission port;

said first and second signal I/O ports being arranged such that said directional processor may be positioned in either of two positions,

a first position to receive said RF signals in a forward direction, whereby said first input receptor is coupled to said reception port and said second output receptor is coupled to said transmission port; and

a second position to receive said RF signals in a reverse direction, whereby said second output receptor is coupled to said reception port and said first output receptor is coupled to said transmission port.

26. The directional component of claim 25 wherein the first and second signal I/O port are maintained in position by a housing frame.

27. The directional component of claim 26 wherein said first and second I/O signal ports each have a connector extending inwardly toward one another from opposing sides of said frame.

28. The directional component of claim 27 wherein said connectors further extend in opposing directions from said housing frame, for connection with a coaxial cable coupling.

29. The directional component of claim 28 further comprising a front and rear cover member mounted upon opposite sides of said housing frame thereby enclosing said directional processor and said first and second I/O signal ports.

30. The directional component of claim 29 wherein said front cover member sustaining said directional processor in either of said first and second positions.

31. A CATV directional component for receiving and transmitting RF signals, comprising:

first and second signal I/O ports;

a directional processor comprising a reception port, a transmission port and at least one subscriber tap;

said first and second signal I/O ports being arranged such that said directional processor may be positioned in either of two positions,

a first position to receive said RF signals in a forward direction, whereby said first I/O port is coupled to said reception port and said second I/O port is coupled to said transmission port; and

a second position to receive said RF signals in a reverse direction, whereby said second I/O port is coupled to said reception port and said first I/O port is coupled to said transmission port.

32. The directional component of claim 31 wherein said first and second I/O signal ports comprise at least two co-axial receptors for coupling said first and second I/O ports to said reception and transmission ports of said directional component.

33. The directional component of claim 32 wherein the first and second signal I/O port are maintained in position by a housing frame.

34. The directional component of claim 33 wherein said first and second I/O signal ports each have a connector extending inwardly toward one another from opposing sides of said frame.